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(54) Title: MULTILAYERED, TUBE-SHAPED FOOD BARRIER WRAPPERS HAVING TRANSFER PROPERTIES

(54) Bezeichnung: MEHRSCHICHTIGE, SCHLAUCHFÖRMIGE NAHRUNGSMITTEL-BARRIEREHÜLLE MIT TRANSFEREIGENSCHAFTEN

(57) Abstract: Disclosed is a tube-shaped food wrapper, particularly a sausage wrapper, comprising at least two layers. The inner layer facing the food is provided with a matrix made of an organic, thermoplastic polymer material and a powdered organic filler which is embedded therein and contains a food additive that can be transferred to the filling material. The organic filler preferably consists of a carrageenan powder while the food additive preferably consists of a liquid smoke. At least one additional layer has barrier properties, i.e. is provided with a reduced permeability to water vapor and/or atmospheric oxygen. Layers based on polyolefin or polyamide are particularly suitable for said at least one additional layer.

(57) Zusammenfassung: Beschrieben ist eine schlauchförmige Nahrungsmittelhülle, insbesondere eine Wursthülle, die mindestens zwei Schichten umfasst. Die innere, dem Lebensmittel zugewandte Schicht umfasst eine Matrix aus einem organischen, thermoplastischen Polymermaterial und, eingebettet darin, einen pulverförmigen organischen Füllstoff, der einen auf das Füllgut transferierbaren Nahrungsmittelzusatzstoff enthält. Der organische Füllstoff ist bevorzugt ein Carrageenan-Pulver, der Nahrungsmittelzusatzstoff bevorzugt ein Flüssigrauch. Mindestens eine weitere Schicht hat Barriereigenschaften, d.h. sie weist eine geringe Durchlässigkeit für Wasserdampf und/oder Luftsauerstoff auf. Geeignet dafür sind insbesondere Schichten auf Basis von Polyolefin oder Polyamid.

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